

~~optical computers and optical telecommunication systems.~~

Remarks/Arguments

As a result of a telephone conference with the Examiner of September 28, 2005, amendments to the Title and the Abstract are submitted that are more descriptive of the allowed invention as set forth in the claims. It would be appreciated if the Examiner would indicate the acceptance of these amendments in the next office communication.

If the Examiner has any questions regarding the amendments submitted, she is invited to contact the undersigned attorney at the telephone number shown below.

Respectfully submitted,

DOWELL & DOWELL, P.C.

By 

Ralph A. Dowell, Reg. No. 26,868

Date: September 29, 2005

DOWELL & DOWELL, P.C.
Suite 406, 2111 Eisenhower Avenue
Alexandria, VA 22314
Telephone - 703 415-2555
Facsimile - 703 415-2559
e-mail - dowell@dowellpc.com

09/977,254/

ABSTRACT OF THE DISCLOSURE

Composite materials having colloidal photonic crystals patterned in substrates for use in different technologies including lab-on-chip and photonic chip technologies. The colloidal crystals are patterned either on or within surface relief patterns in the substrates of the composite materials and each colloidal crystal exhibits Bragg diffraction.

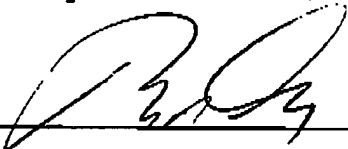
PLEASE GIVE TO EXAMINER ALICIA ANN CHEVALIER AT GAU

1772

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office (Fax No. (571) 273-1490 on September 29, 2005.

Voluntary Amendment, 5 pages for Ozin, SN 09/977,254 filed October 16, 2001, Docket No.: 13786

Typed or printed name of person signing this certificate:



Ralph A. Dowell, Reg. No. 26,868

If your response is submitted by facsimile transmission, you are hereby reminded that the original should be retained as evidence of authenticity (37CFR 1.4 and MPEP 502.02). Please do not separately mail the original or another copy unless required by the Patent and Trademark Office. Submission of the original response or a follow-up copy of the response after your response has been transmitted by facsimile will only cause further unnecessary delays in processing of your application; duplicate responses where fees are charged to a deposit account may result in those fees being charged twice.